$\not = \not p$ RM PTO-1083/Modified

Hitachi Docket No. ARC920010010US2 (PATENT)

In re application of:

Fullerton et al.

Serial No.: Filed:

10/664,207

September 16, 2003

For:

MAGNETIC DEVICES WITH PERPENDICULAR EXCHANGE BIASING

ASSISTANT COMMISSIONER OF PATENTS & TRADEMARKS Alexandria, VA 22313-1450

SIR:

Transmitted herewith in the above-identified application are:

v	Pognongo	+-	Restriction	Partiroment
X	kesponse	το	Restriction	Reduirement

_ Preliminary Amendment

_ _ sheets of formal drawings

- Declaration and Power of Attorney for Patent Application
- _ Assignment of the invention to International Business Machines Corporation
 - Notice to File Missing Parts of Application -- Filing Date Granted
- X No additional fee is required.

The fee has been cal REMAINING			lculated as shown below: PREVIOUSLY		CLAIMS PRESENT	HIGHEST NO.	
A	FTER NDMEI		PAID FOR		EXTRA	ADDIT.	FEE
TOTAL	9	MINUS	20	=	x 50 =	\$ 0	\$ 0
INDEP.	1	MINUS	3	=	x 200=	\$ 0	\$ 0

0 Surcharge \$

- Please charge my Deposit Account No. __50-2587__ in the amount of \$.
- A duplicate copy of this sheet is attached.
- X The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 50-2587. A duplicate copy of this sheet is attached. X Any filing fees under 37 CFR 1.16 for the presentation of extra claims.

 - X Any patent application processing fees under 37 CFR 1.17.

Robert B. Martin Registration No. 26,945 Senior Attorney

Telephone (408) 717-5487

Hitachi Global Storage Technologies

Intellectual Property Law

Dept. NHGB/014-2 5600 Cottle Road San Jose, CA 95193

CERTIFICATE OF MAILING

I hereby certify that the above paper/fee is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner of Patents, Alexandra, VA 22313-1450 on December 16, 2004 .

Person Mailing paper/fee: Diane Cascia

Signature

Diane Cascia



Patent Applicants' Docket ARC920010010US2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

n re the application of

E. Fullerton et al.

Group Art Unit: 2653

Serial No.

10/664,207

Examiner: G. Letscher

Filed: September 16, 2003

For:

MAGNETIC DEVICES WITH PERPENDICULAR EXCHANGE BIASING

Commissioner of Patents and Trademarks Alexandria, VA 22313-1450

RESPONSE TO RESTRICTION REQUIREMENT

Dear Sir:

This amendment is in response to the Office Action dated November 16, 2004, having a shortened statutory period set to expire December 16, 2004.

Please amend the above-identified application adding new claims 27 and 28.